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- (71) Applicant (for all designated States except US): THE UNIVERSITY OF AKRON [US/US]; 302 East Buchtel Common, Akron, OH 44325 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): RENEKER, Darrell, H. [US/US]; 170 University Avenue, Akron, OH 44325 (US). HOU, Haoqing [CN/US]; 300 Hampshire Road, Akron, OH 44313 (US).
- (74) Agent: FIRCA, Donald, J.; Roetzel & Andress, 222 South Main Street, Akron, OH 44308 (US).
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(54) Title: CARBON NANOTUBES ON CARBON NANOFIBER SUBSTRATE

(57) Abstract: A hierarchical structure that has at least one carbon nanotube extending radially from a nanofiber substrate and related methods of use and manufacture.